

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022321\
 Data File : VW018229.D
 Acq On : 23 Feb 2021 16:25
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025101

Quant Time: Feb 24 00:35:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 23 18:34:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	429479	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	390770	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	201565	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	113443	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.60%
7) Chloroethane-d5	2.898	69	90296	24.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.12%
11) 1,1-Dichloroethene-d2	4.032	63	227835	23.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.60%
21) 2-Butanone-d5	7.080	46	63207	61.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.54%
24) Chloroform-d	7.647	84	249082	23.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.56%
26) 1,2-Dichloroethane-d4	8.305	65	129904	24.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.92%
32) Benzene-d6	8.275	84	486644	23.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.64%
36) 1,2-Dichloropropane-d6	9.275	67	136190	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.44%
41) Toluene-d8	10.323	98	464613	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.36%
43) trans-1,3-Dichloroprop...	10.579	79	65042	25.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.12%
47) 2-Hexanone-d5	10.921	63	55800	62.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.62%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	124638	27.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.12%
66) 1,2-Dichlorobenzene-d4	13.853	152	171955	23.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.24%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	120614	23.60	ug/L	94
3) Chloromethane	2.221	50	98680	25.18	ug/L	98
5) Vinyl chloride	2.367	62	142016	25.21	ug/L	99
6) Bromomethane	2.788	94	99026	25.34	ug/L	98
8) Chloroethane	2.934	64	81446	25.84	ug/L	99
9) Trichlorofluoromethane	3.263	101	96486	23.95	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	137454	25.01	ug/L	89
12) 1,1-Dichloroethene	4.050	96	134736	25.33	ug/L	92
13) Acetone	4.117	43	40020	57.54	ug/L	86
14) Carbon disulfide	4.391	76	391341	24.08	ug/L	99
15) Methyl Acetate	4.672	43	55328	30.41	ug/L	92
16) Methylene chloride	4.922	84	139795	23.99	ug/L	86
17) trans-1,2-Dichloroethene	5.428	96	143070	25.21	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	150453	26.60	ug/L #	94
19) 1,1-Dichloroethane	6.220	63	227597	25.62	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	153960	26.12	ug/L	89
22) 2-Butanone	7.171	43	71555	64.64	ug/L	97
23) Bromochloromethane	7.513	128	74219	26.39	ug/L	79
25) Chloroform	7.677	83	250719	25.91	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	156501	26.74	ug/L #	93
29) Cyclohexane	7.958	56	202193	25.80	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	198628	25.30	ug/L	95
31) Carbon tetrachloride	8.067	117	194631	25.56	ug/L	100
33) Benzene	8.324	78	545906	26.16	ug/L	100
34) Trichloroethene	9.092	95	148652	25.48	ug/L	93
35) Methylcyclohexane	9.336	83	244836	25.37	ug/L	96
37) 1,2-Dichloropropane	9.366	63	125522	26.03	ug/L	98
38) Bromodichloromethane	9.640	83	178393	26.41	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	205599	26.60	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	156671	63.98	ug/L #	90
42) Toluene	10.390	91	596367	25.94	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	182370	27.51	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	110104	27.90	ug/L	99
46) Tetrachloroethene	10.866	164	127603	24.67	ug/L	95
48) 2-Hexanone	10.969	43	109279	65.38	ug/L #	91
49) Dibromochloromethane	11.128	129	134441	27.56	ug/L	95
50) 1,2-Dibromoethane	11.232	107	112184	29.01	ug/L	99
51) Chlorobenzene	11.658	112	397723	25.88	ug/L	96
52) Ethylbenzene	11.731	91	663113	25.57	ug/L	100
53) m,p-Xylene	11.835	106	261458	25.82	ug/L	99
54) o-Xylene	12.164	106	246061	25.70	ug/L	97
55) Styrene	12.176	104	428609	26.68	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	129497	29.32	ug/L	100
59) Bromoform	12.347	173	79869	27.85	ug/L #	96
60) Isopropylbenzene	12.463	105	673321	25.59	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	96118	29.12	ug/L	96
62) 1,3,5-Trimethylbenzene	12.939	105	563220	25.54	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	571662	26.01	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	317158	25.08	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	320502	25.30	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	291250	25.66	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	22073	30.77	ug/L #	71
69) 1,3,5-Trichlorobenzene	14.627	180	240996	24.77	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	209013	25.97	ug/L	97
71) Naphthalene	15.365	128	419971	29.72	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	183672	26.06	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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